

# 100% ELECTRIC ECOVEHICLE

(SPECIAL SPACE FRAME WITH NUMEROUS BODY STYLES AVAILABLE)

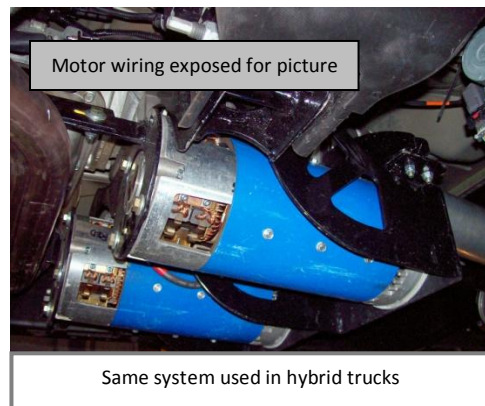
## SYSTEM OVERVIEW:

- 1) 100% electric with range extender
- 2) Patented dual-motor system for increased torque and hill climbing
- 3) Custom space-frame for ruggedness
- 4) Range – 45-50 miles in on-road applications, with lead-acid batteries. Longer range with advanced batteries or fuel cell.
- 5) Regenerative braking standard – helps re-charge batteries during braking



## COMPONENTS/DESIGN FEATURES

- 1) Electric motors – Range of torque settings available to meet different driving profiles. Higher torque available for trailer towing.
- 2) Range extender – Optional on-board generator for extended range. (Generator produces 120V/240V electricity to charge batteries or power other equipment, including emergency back-up equipment.)
- 3) Dual-motor system design -- Same as used in EVPS heavier-duty hybrid system for trucks.
- 4) Battery upgrades available for longer range
- 5) Controllers (proprietary design) – Single signal to both electric motors for maximum efficiency
- 6) Low Voltage – 72-volt system for safety
- 7) Air-cooled motors, controllers – No complicated liquid-cooling system
- 8) Gauge cluster – Separate IP displaying such info as battery state of charge, amp draw and any fault codes.
- 9) Drive belts – Gates Kevlar belts similar to truck serpentine belt, only shorter, simpler. Similar belt on motorcycles – lifespan  $\cong$  100,000 miles.
- 10) Charger – 120V on-board charger standard. 120V/240V available.



OTHER INFORMATION

1. Rollbar, hard roof, soft and hard doors and array of other equipment for Jeeps available in after-market. Easy installation.



2. Color – any color (including black)
3. Multiple body styles – fiberglass. Other Jeep styles available – Scrambler pick-up, e.g.
4. Automotive wheels, tires
5. Maintenance – minimal
6. Warranty – EVPS warrants system for 3 years from installation date
7. Other features – heater, air conditioner, other options, features available. Contact us to discuss.



NEV Replacement: Neighborhood electric vehicles are a great idea. Unfortunately many NEV's are "golf carts on steroids" and do not provide adequate torque or structural integrity in the chassis. EcoVehicle is designed from the ground up for use on the street. Components are either from such on-road vehicles as Chevrolet Camaro or designed by EVPS. Ride and handling is much different than an NEV. If you need a lower-speed vehicle but want a car-like ride and durability, try EcoVehicle.



Video of EcoVehicle in operation, YouTube, search "EcoVehicle Overview." Also EVPS website, [www.evpowersystems.com](http://www.evpowersystems.com).

---

**Export Markets:** EcoVehicle ideal for countries with lower road speeds, limited distances for travel, lesser-developed roads or limited electricity grid. Batteries in EcoVehicle can be easily switched out and spare battery pack charged using solar or wind. Also, EcoVehicle can be shipped for assembly in local country. Contact us for more info.

---

**Management Team** – Extensive experience in automotive engineering and product development, marketing, sales and distribution, fleet management – including electric vehicles.



EV|Power|Systems

Want more information about:

- Product custom-fit for you?
  - Pilot program?
- Management team?

[info@evpowersystems.com](mailto:info@evpowersystems.com) / (704) 544-9907